



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Friday, June 14, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today and Saturday

- Slight risk of severe storms each afternoon/evening from **NE NM** through the **Panhandles & into OK Saturday**; very large hail is the main threat, damaging winds possible.

Sunday

- Slight risk of severe storms over **OK & N-Central TX**.
- Isolated heavy rain/flooding possible across **Central OK**.

Monday - Tuesday

- Heavy rain/flooding possible across **OK and AR**, may continue into Thursday.

Major River Flooding or Known Evacuations

- The **Mississippi River** continues to slowly rise and will crest this weekend into next week.

Tropical Weather Outlook

- Tropical cyclone formation is not expected during the next 5 days.

FEMA Region 6 Threat Matrix

June 14, 2019 – Jun 18, 2019



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	OK/TX Panhandles	NE NM, Panhandles, NW TX, N & W OK	OK, N-Central TX		
	W TX, W OK	OK, NW AR, W TX			
Heavy Rain / Flash Flooding			Central OK	OK, AR	OK, AR
Fire Weather	SW NM				
	NM				
Tropical Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

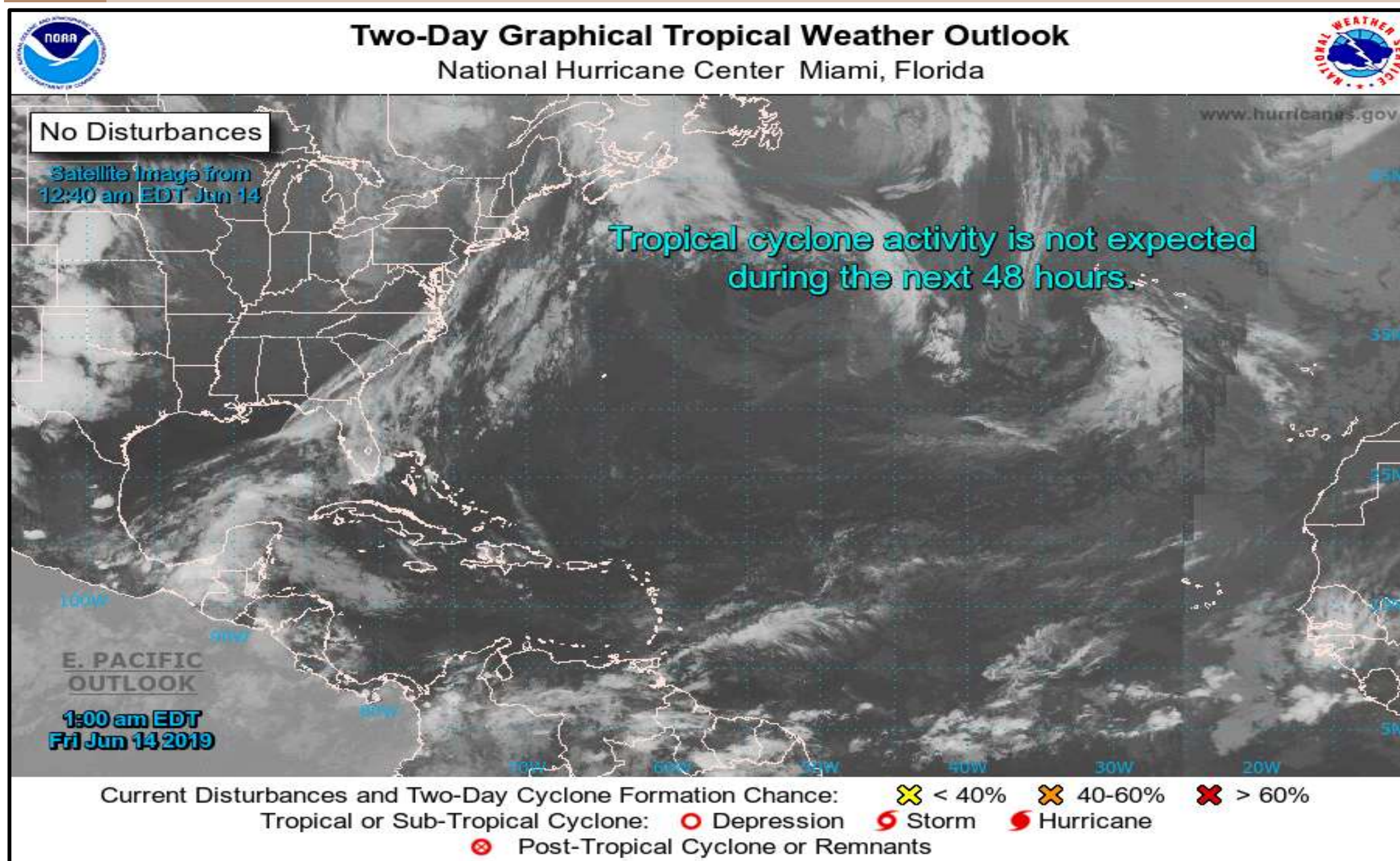
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

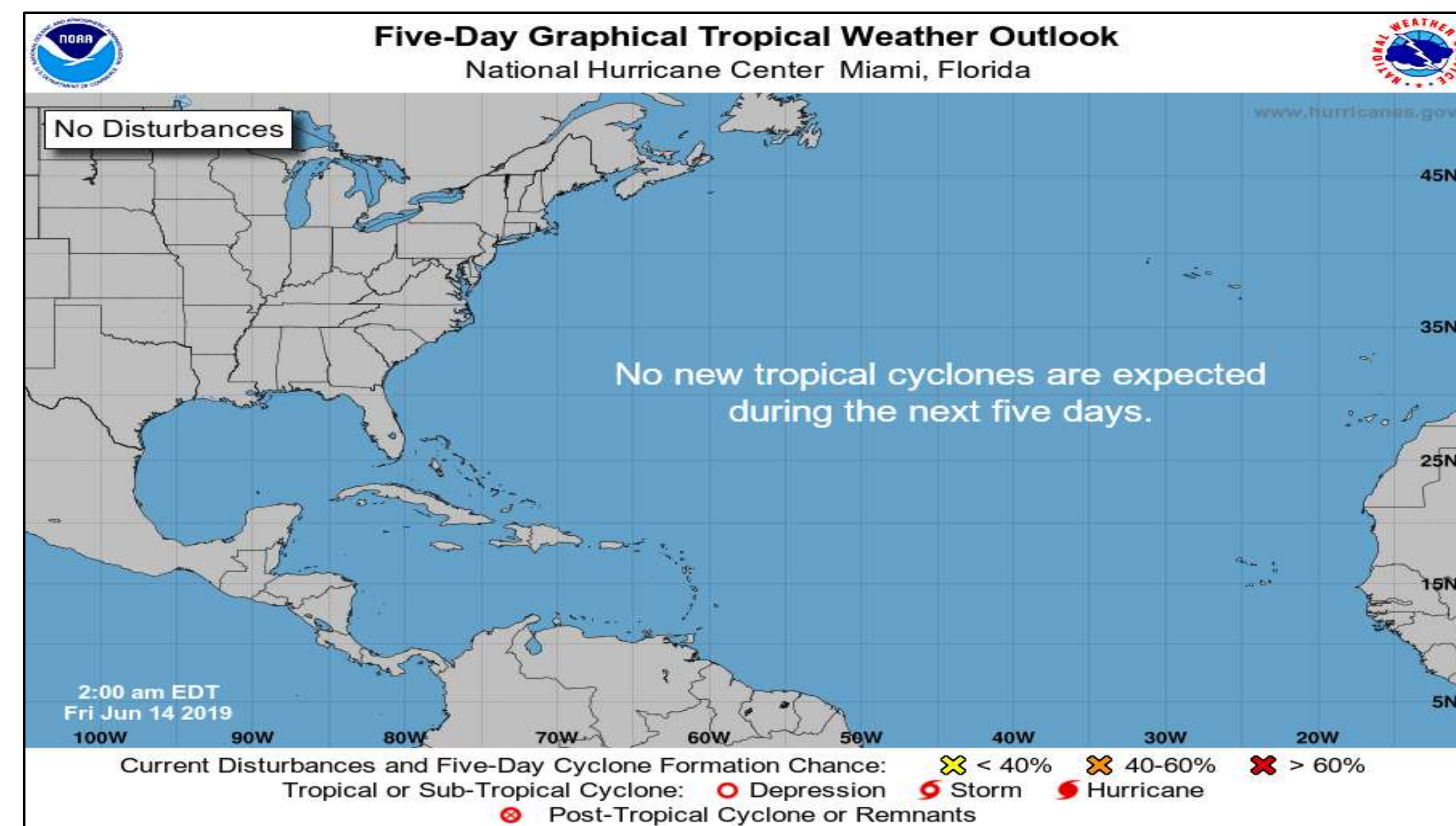
Tropical Weather Outlook – Atlantic/Gulf



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Tropical cyclone formation is not expected during the next 5 days.

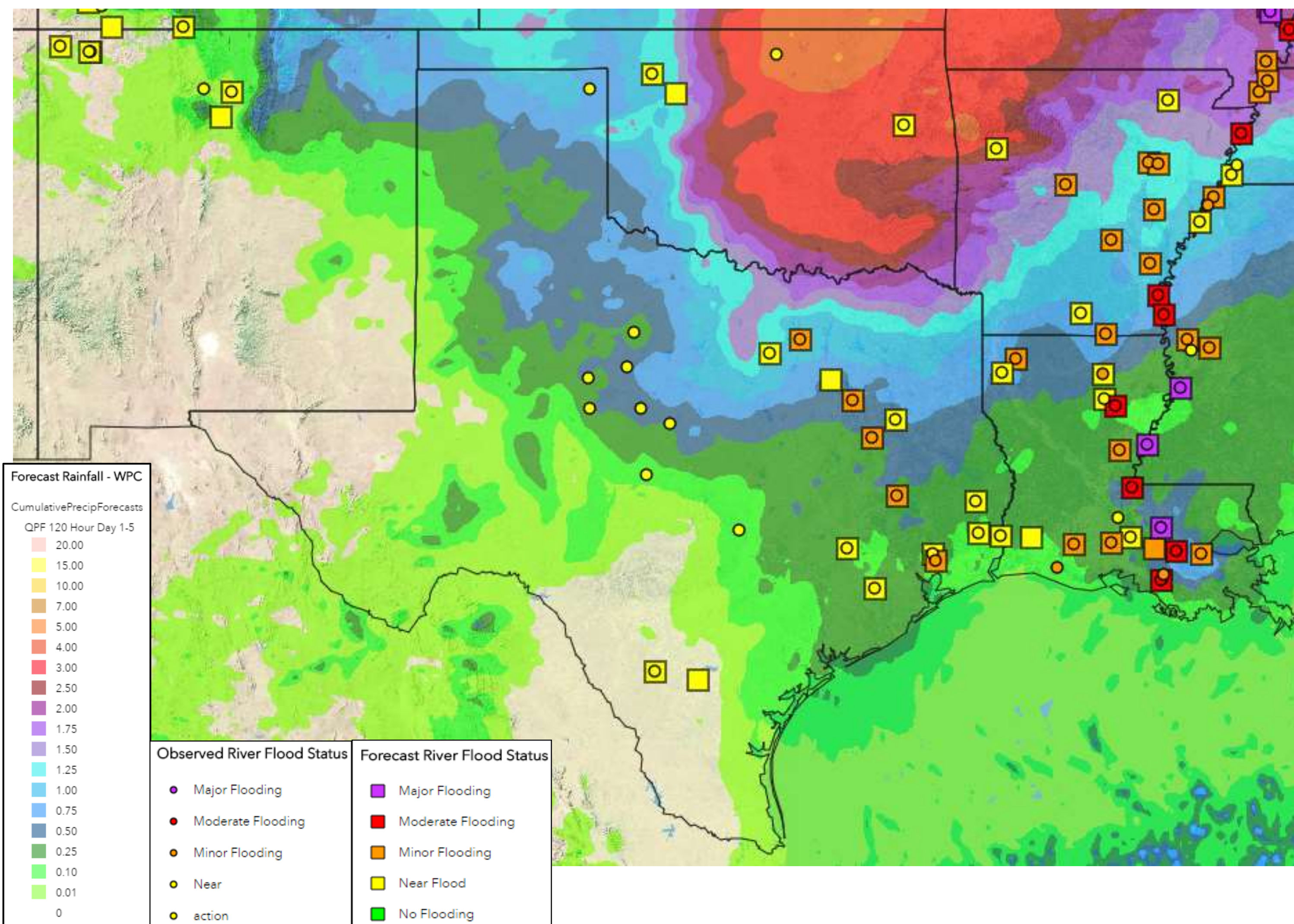


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



All points on the Arkansas River are gradually falling below flood stage. Additional rainfall is expected next week over this area, and will need to be watched for renewed flooding concerns.

The Mississippi River will continue a slow rise into next week.

- At Osceola, the river will continue rising in moderate flood and is expected to crest late this weekend. Many roads are impacted, barge loading has stopped, and impacts to the power plant south of Osceola is possible.**
- Near Arkansas City, the river has begun a slow fall but will remain in moderate flood through next week; many roads cut off.**
- At Red River Landing, the river will slowly rise and crest late this weekend, with mostly agricultural and recreational impacts.**
- Baton Rouge remains in major flood, with shipping and industrial impacts.**

Today's Weather



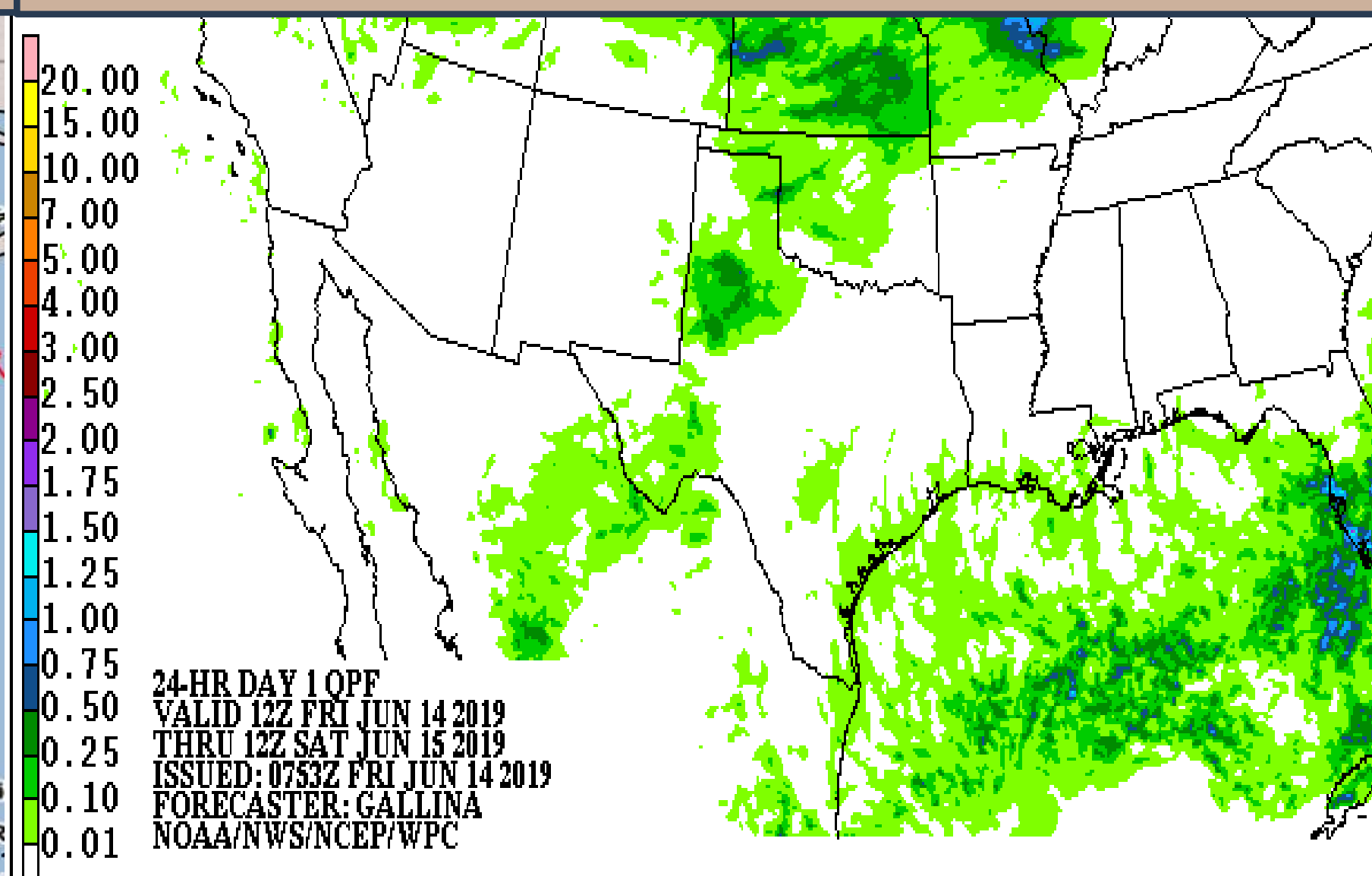
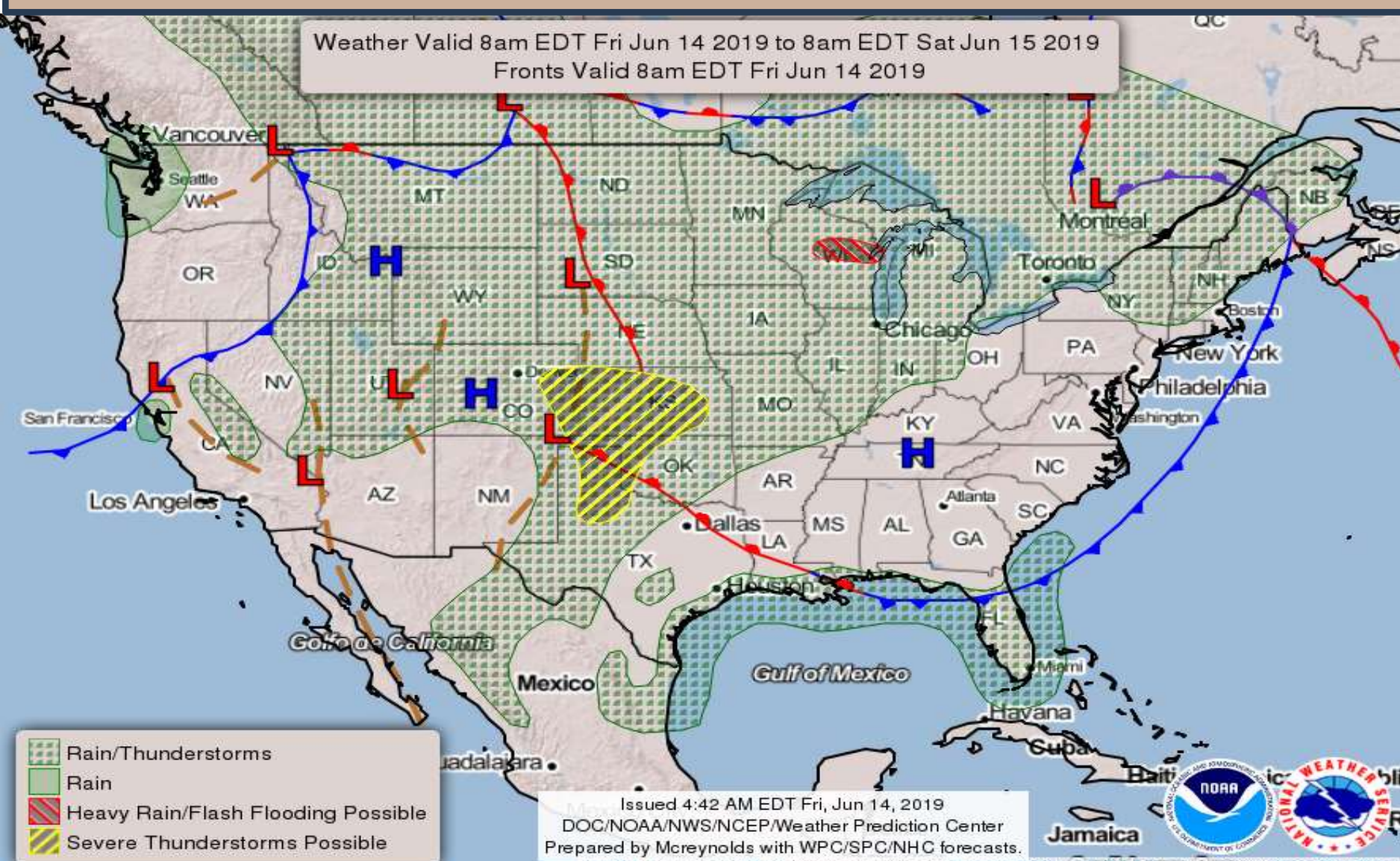
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Forecast Chart

Forecast Rainfall

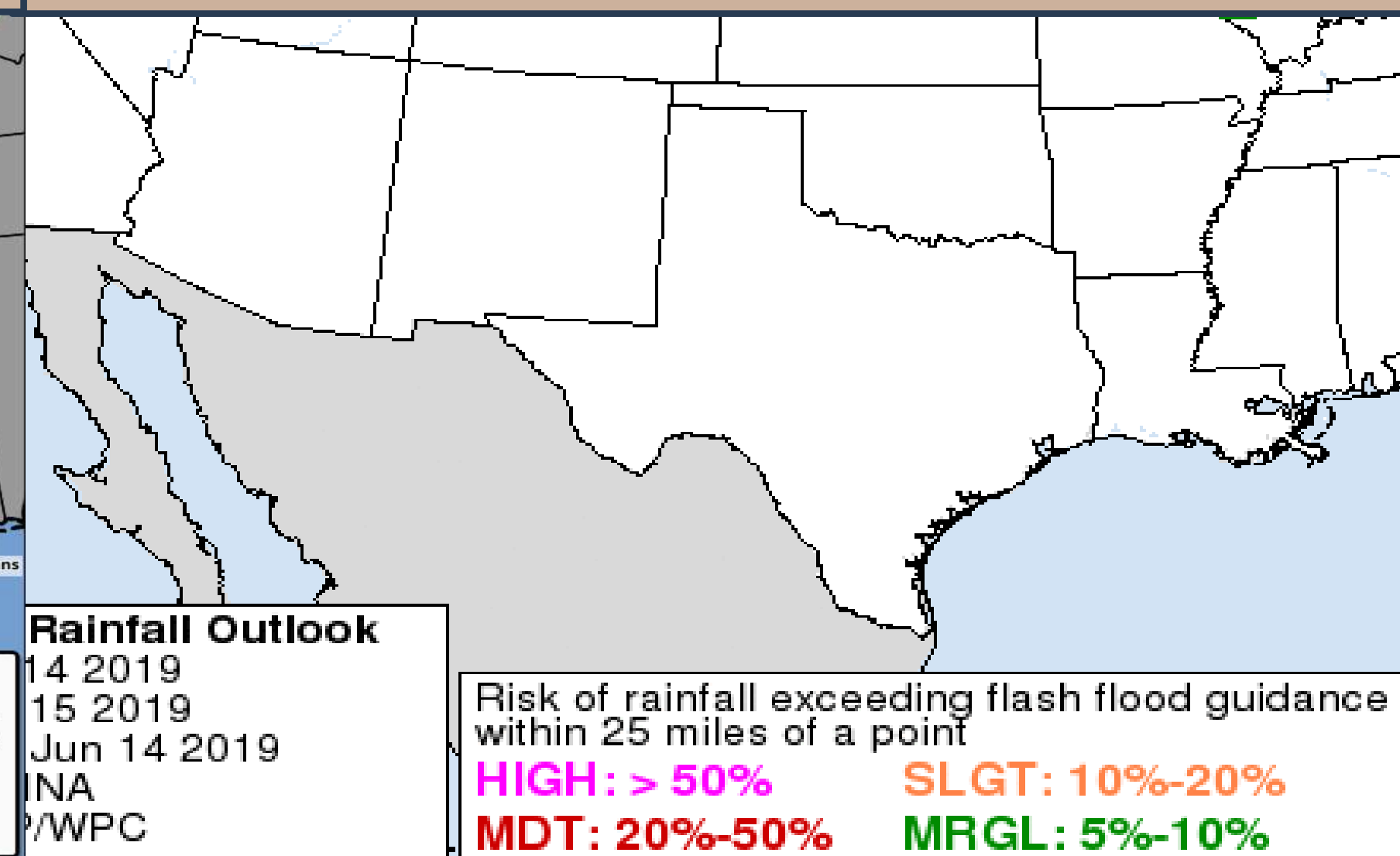
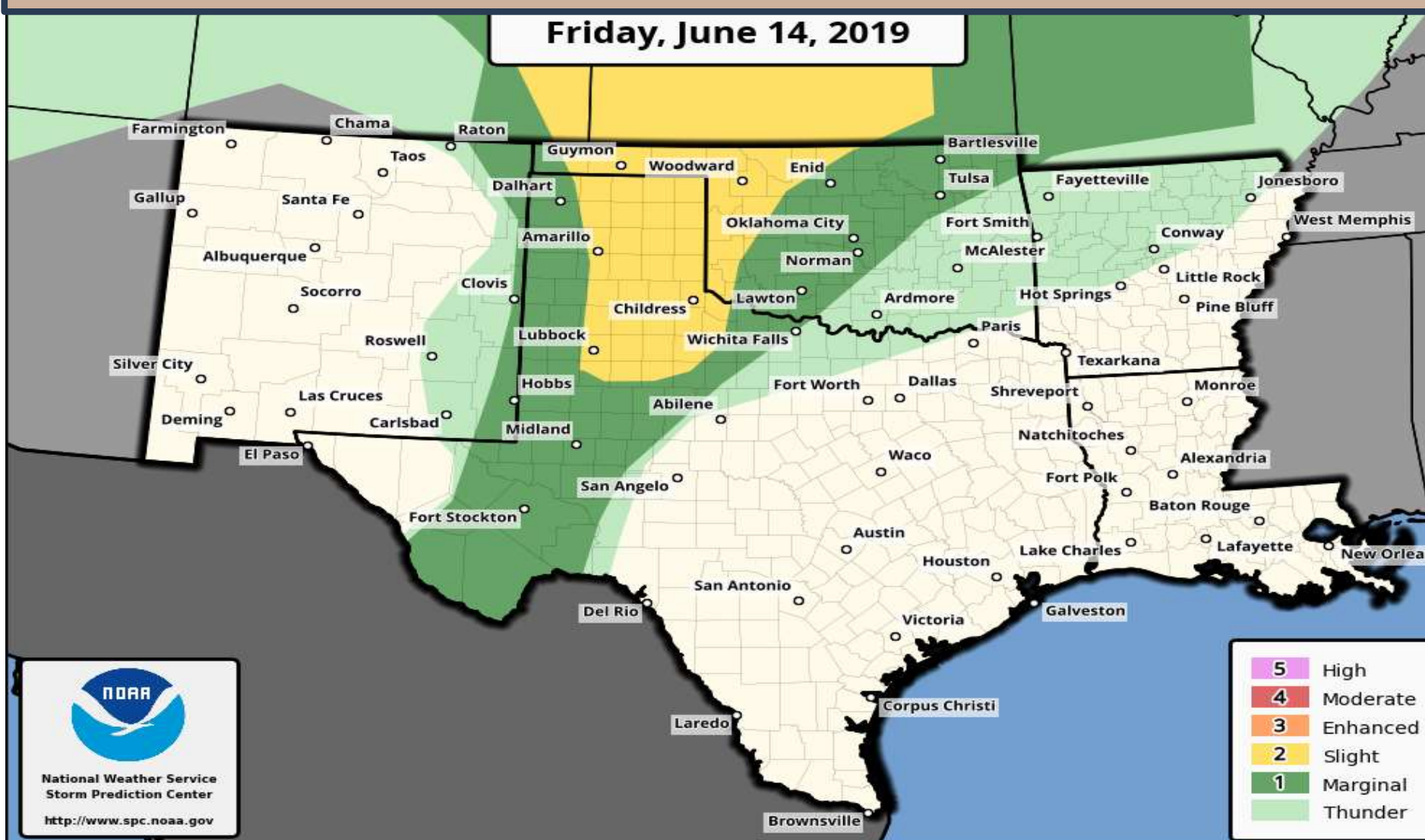
Slight risk of severe storms this afternoon over the OK/TX Panhandles; large hail is the primary threat, damaging winds possible, an isolated tornado also cannot be ruled out.

Isolated strong/severe storms possible into W OK & WTX; damaging winds and hail are the main threats.



Severe Weather Outlook

Excessive Rainfall Outlook

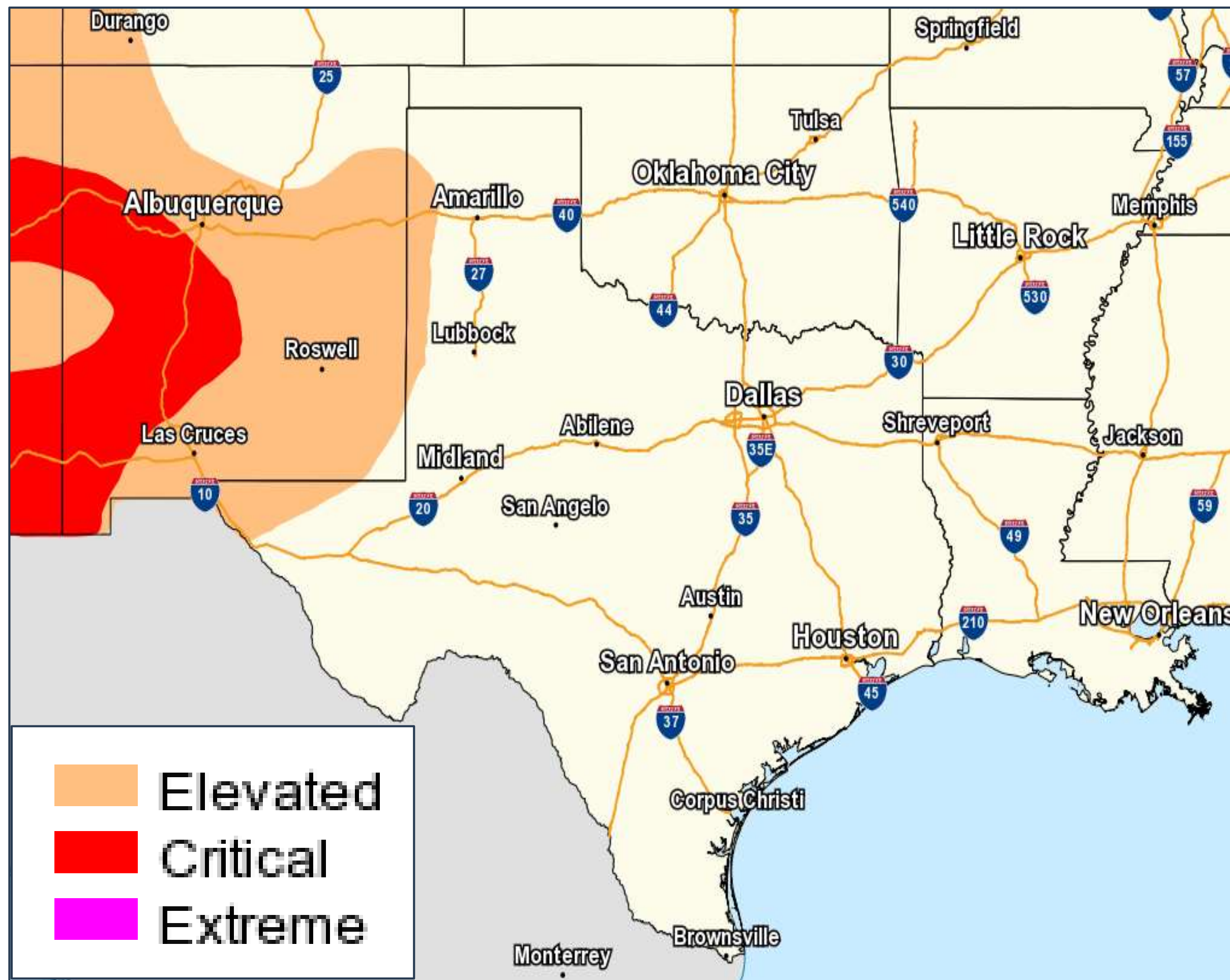


Fire Weather Outlooks

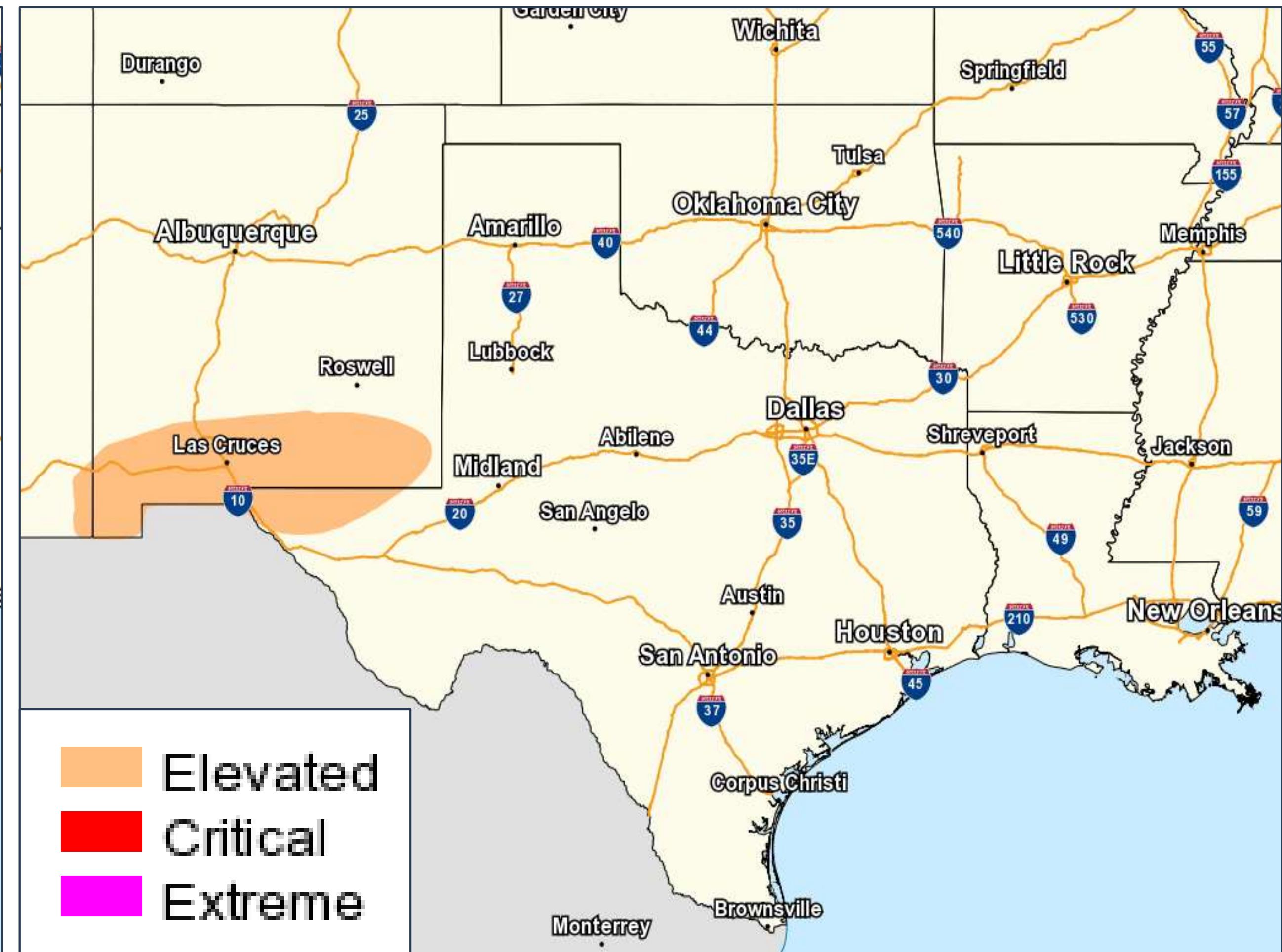


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Tomorrow's Weather



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Forecast Chart

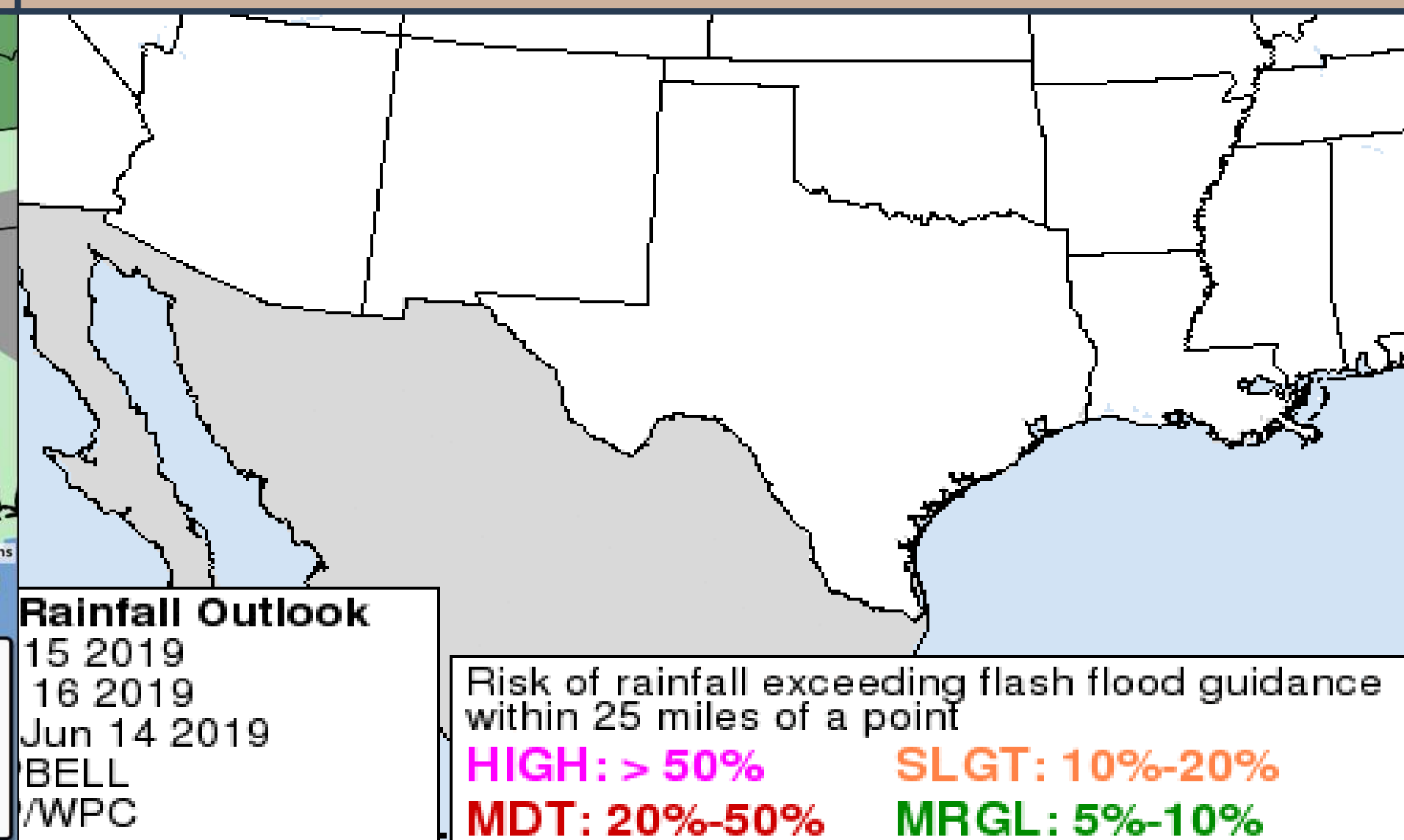
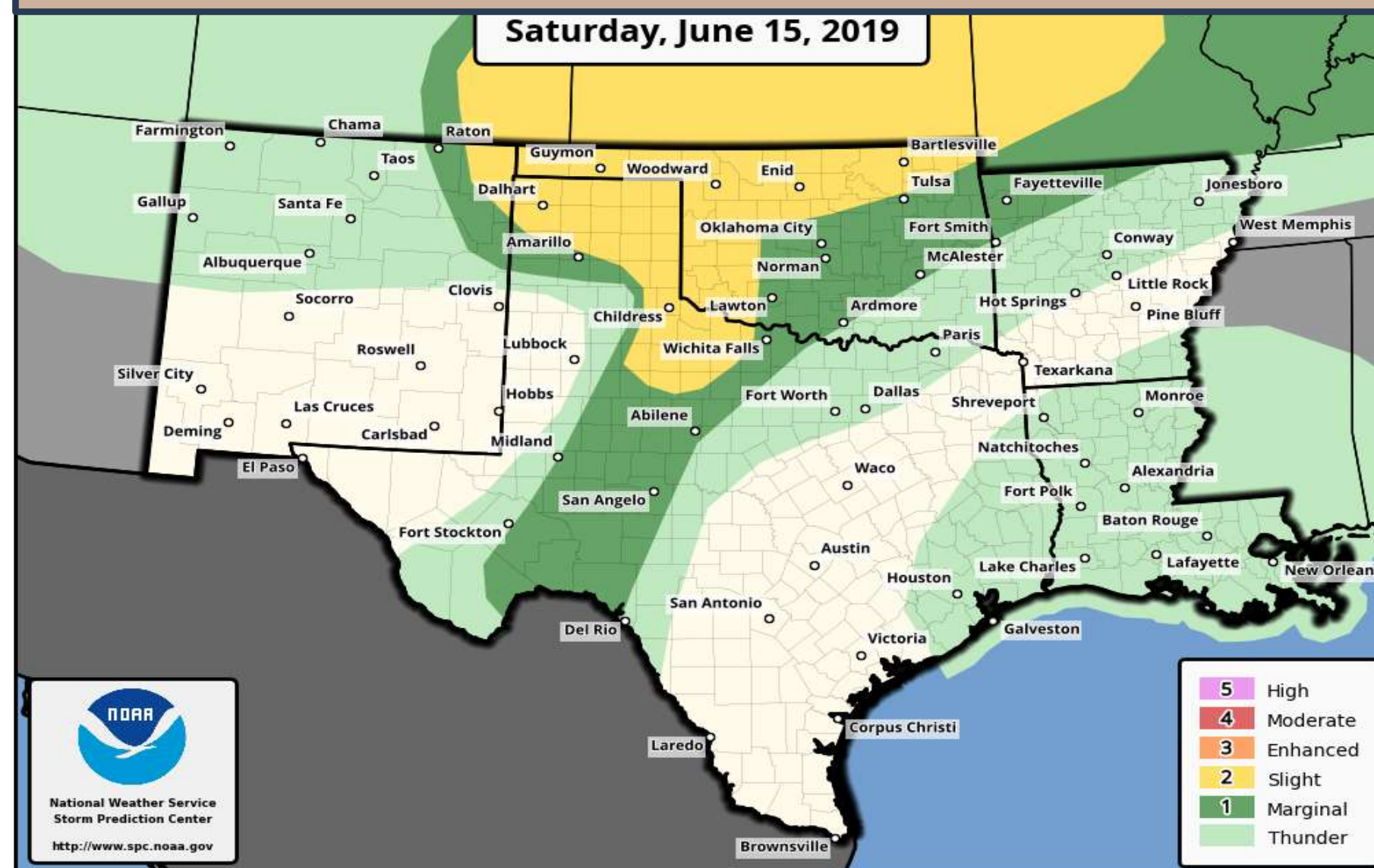
Forecast Rainfall

Slight risk of severe storms in the afternoon/evening from NE NM through the Panhandles and into W/N OK and NW TX; large hail is the main threat, damaging winds also possible.

Isolated strong/severe storms possible into the rest of OK, NW AR and W TX; damaging winds and hail are the main threat.

Severe Weather Outlook

Excessive Rainfall Outlook



Sunday's Weather



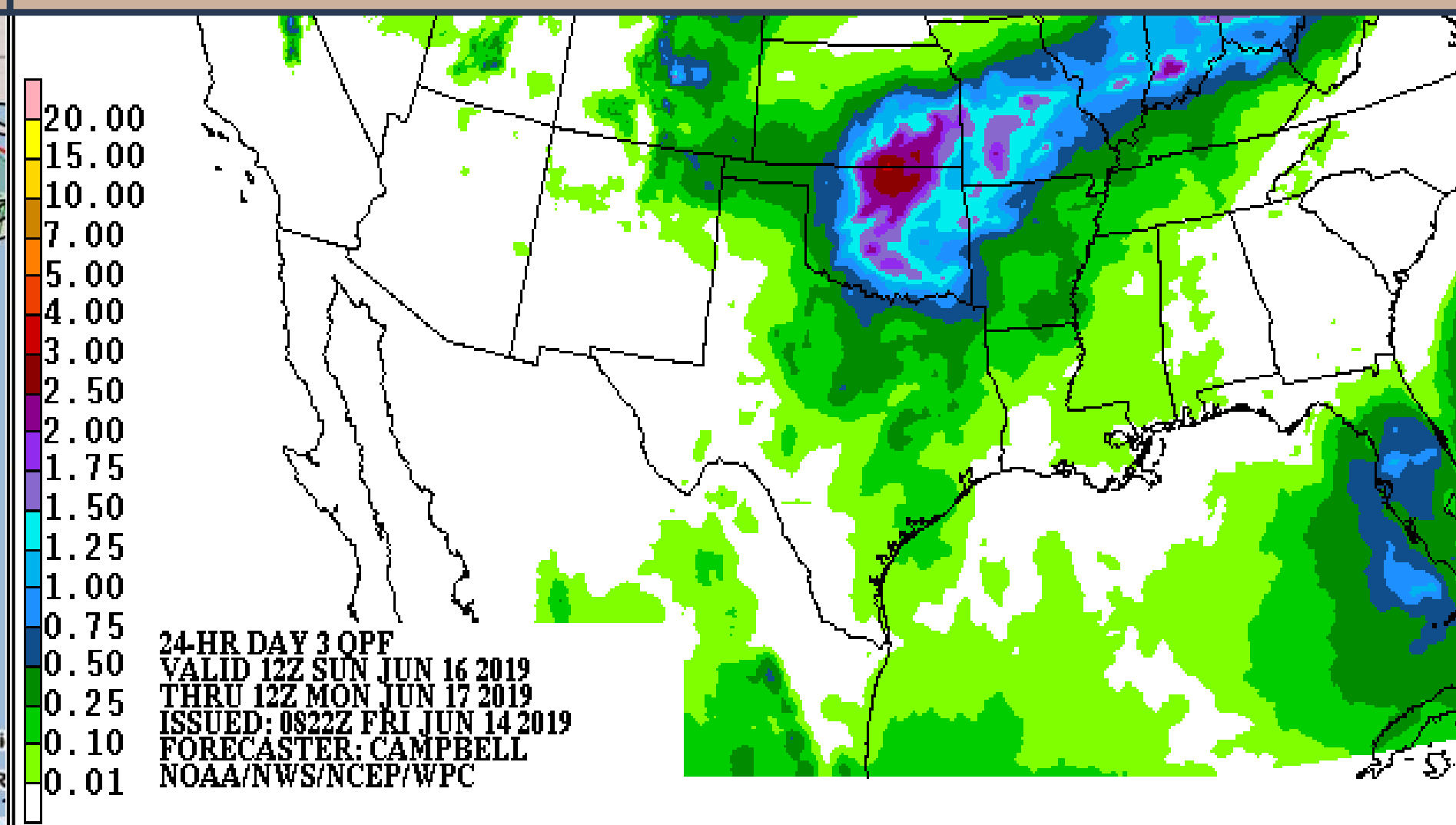
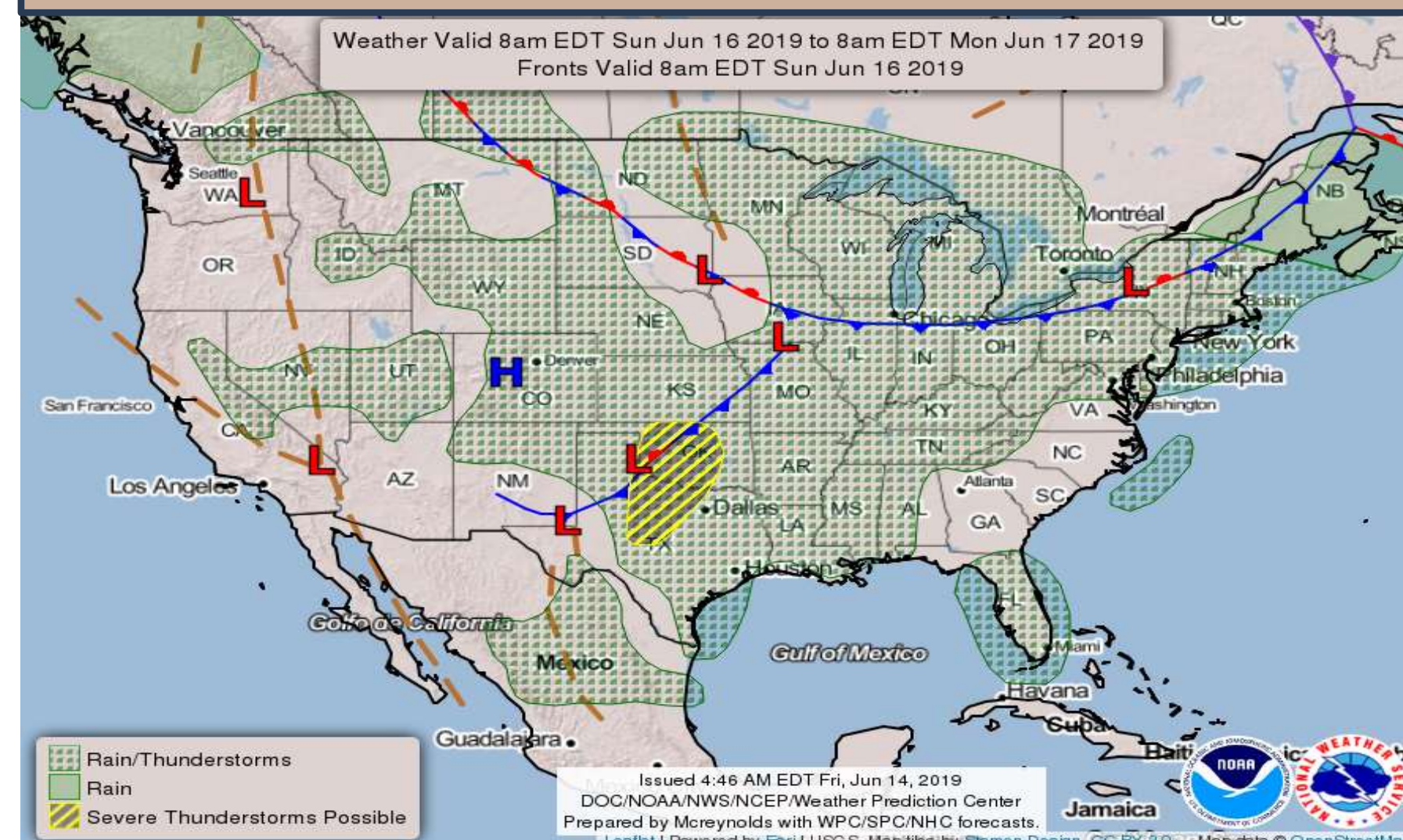
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Forecast Chart

Forecast Rainfall

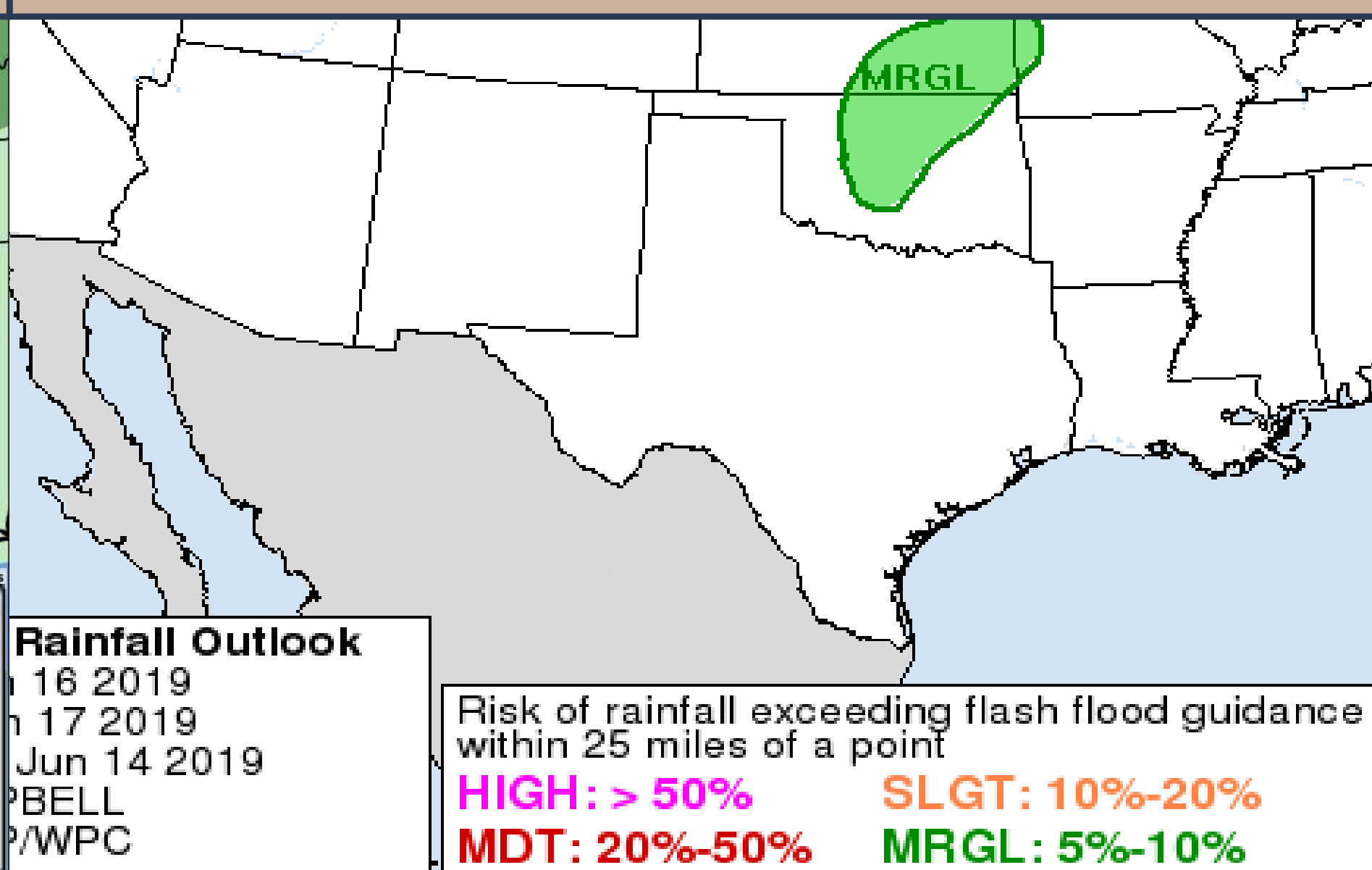
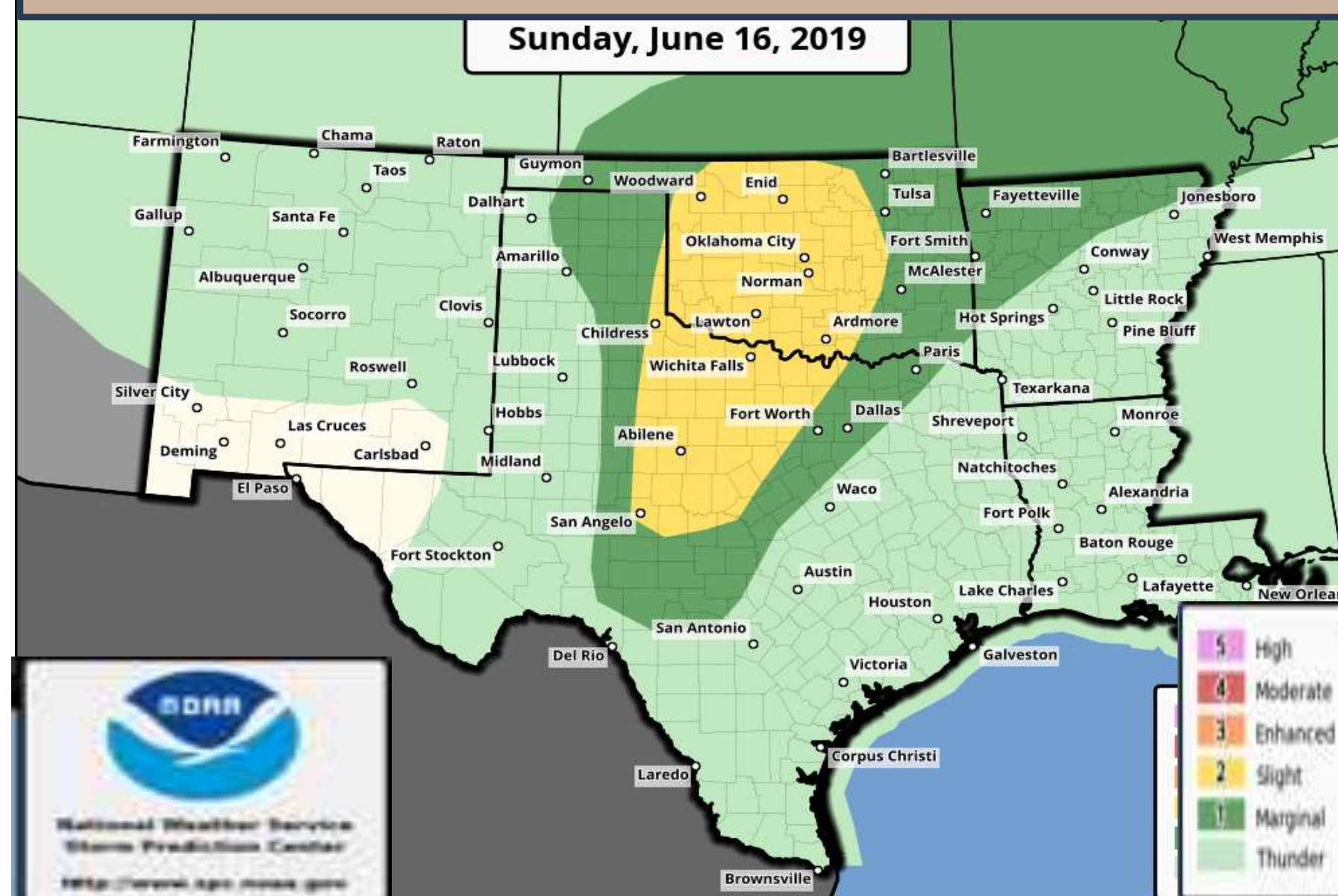
Slight risk of severe storms over much of OK and N-Central TX; large hail and damaging winds are the main threats.

Some isolated heavy rain/flash flooding possible Sunday afternoon/evening over central OK.



Severe Weather Outlook

Excessive Rainfall Outlook

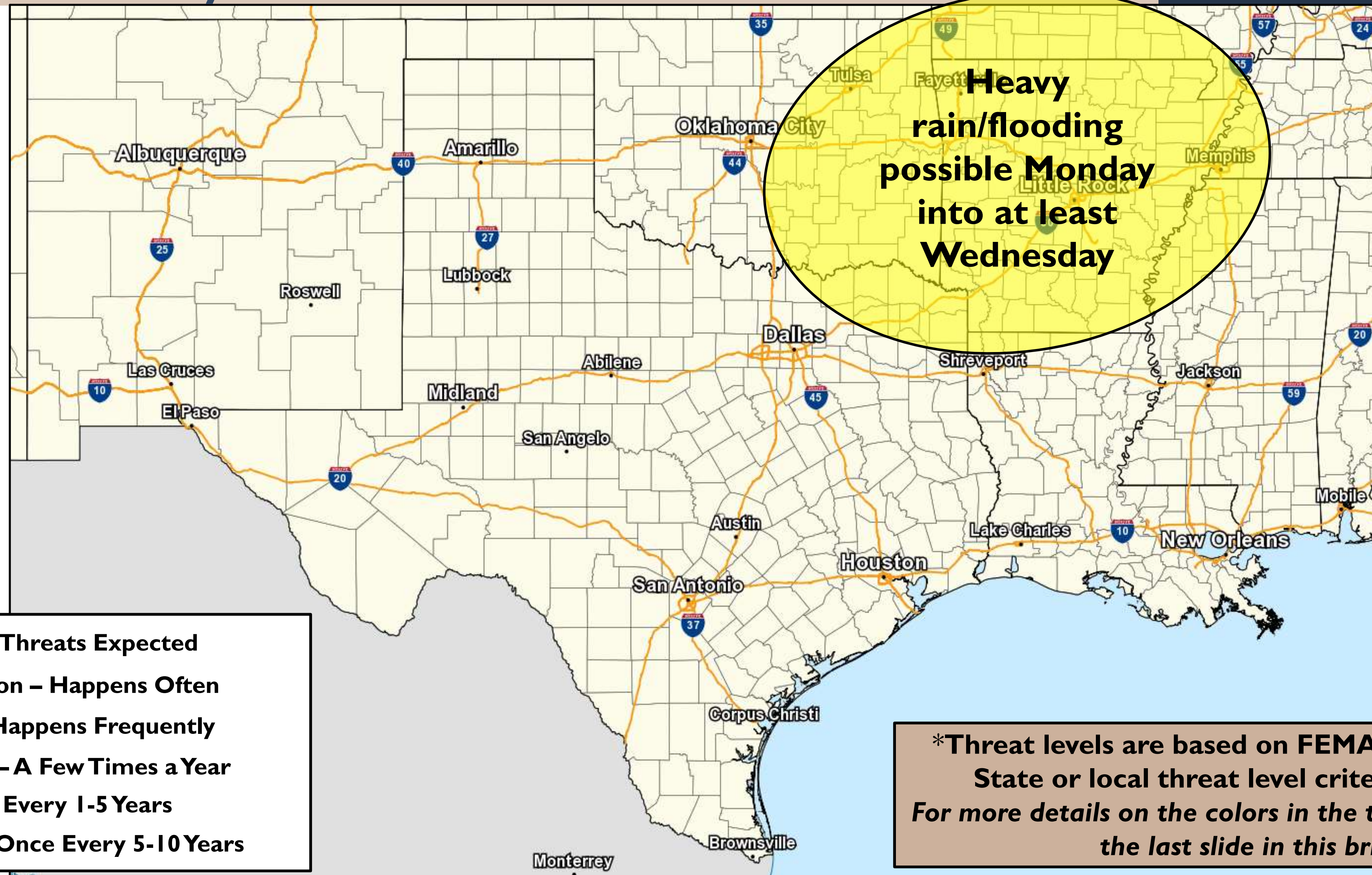


Days 4-5 Weather Hazards

Monday – Tuesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

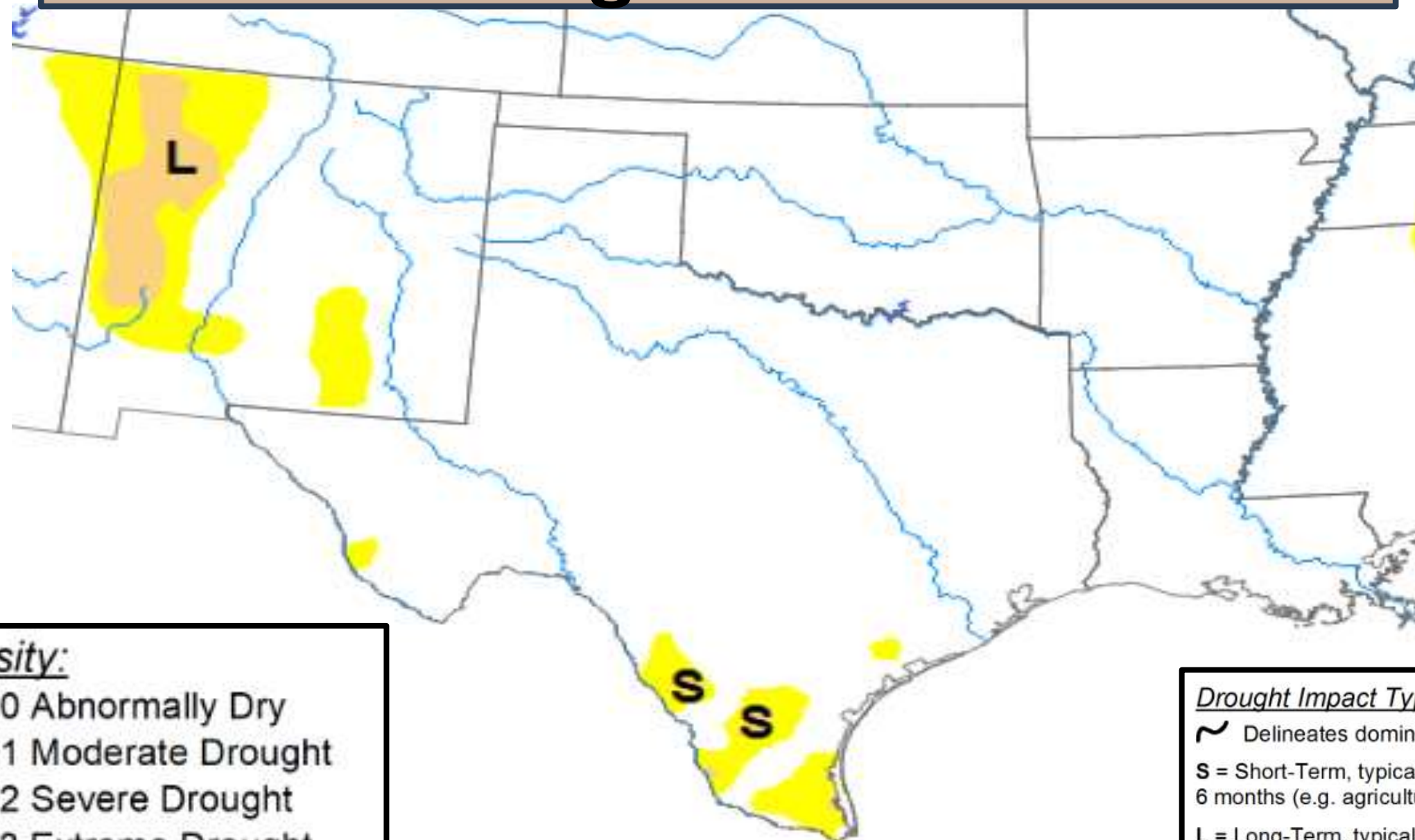
Drought Monitor (Released June 13, 2019)



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Data valid as of 7am EST, Tuesday, June 11, 2019

Drought Monitor



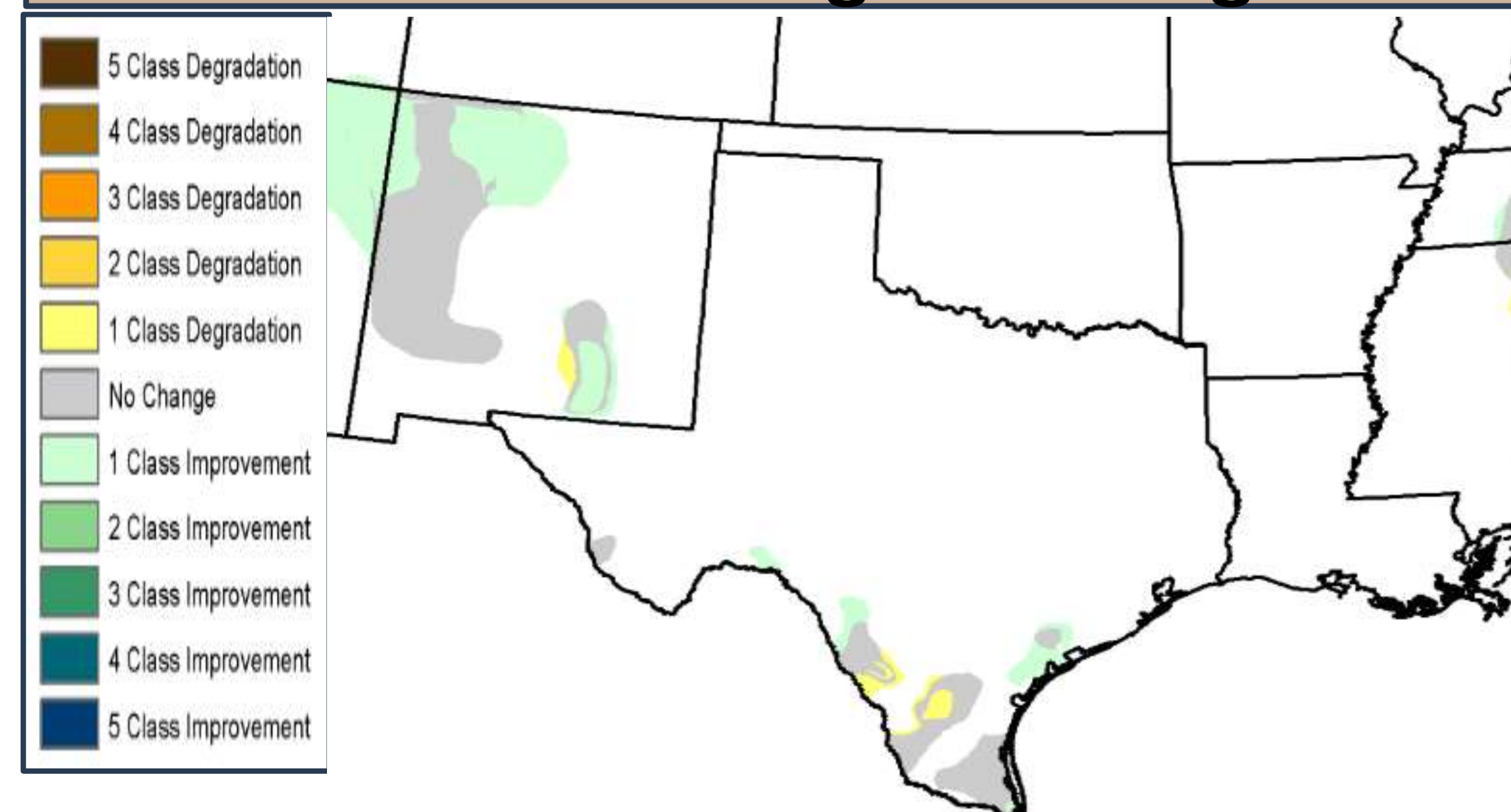
Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

Drought Impact Types:

- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

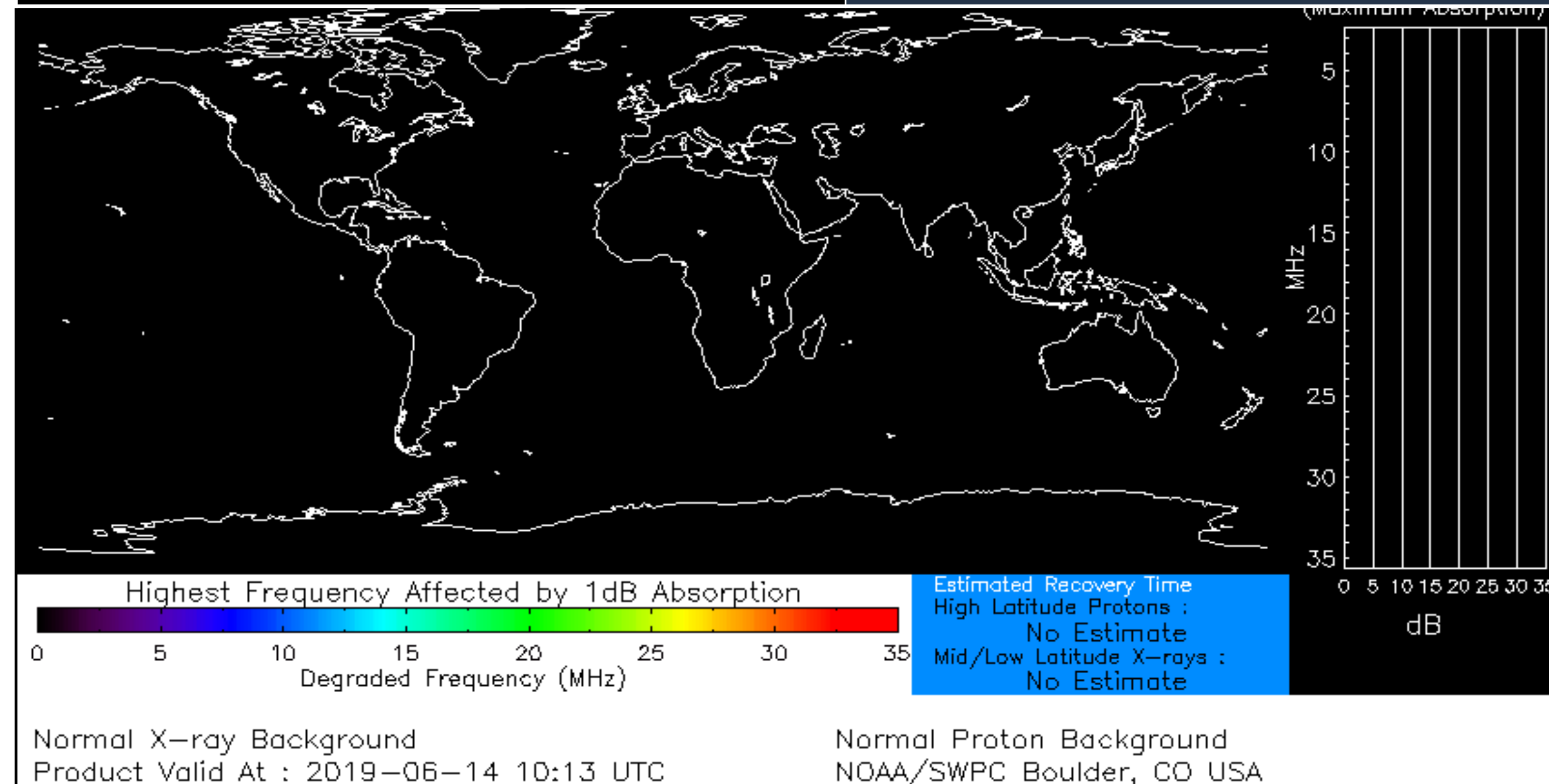
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	12.50%	62.97%
Oklahoma	0.00%	0.00%	0.00%	23.91%
Texas	0.00%	0.00%	0.00%	9.74%

Space Weather 3-Day Forecast



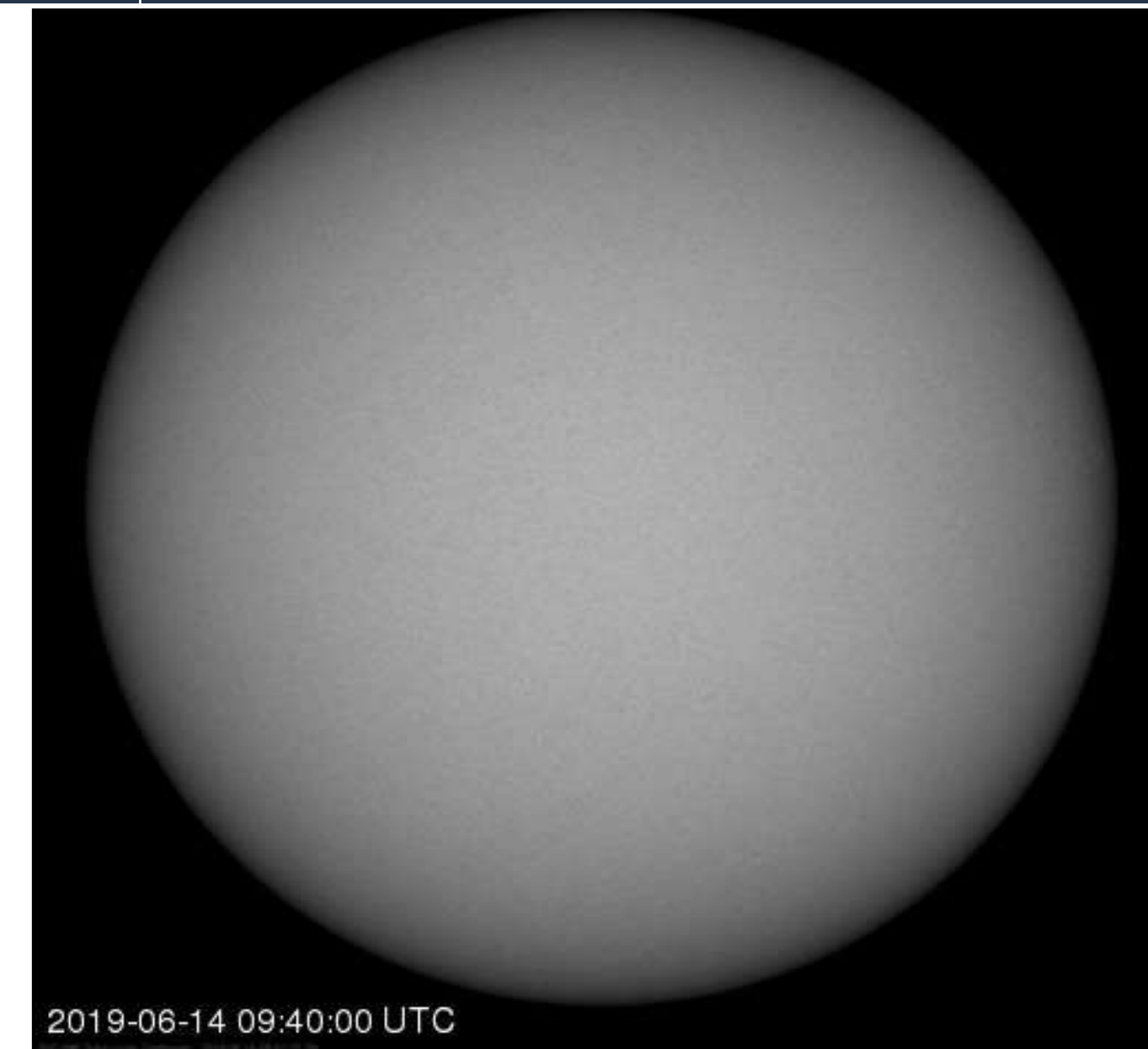
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov